IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1 and 3-5 in accordance with the following:

1. (CURRENTLY AMENDED) A computer which performs parallel processing of a plurality of programs in a time-division fashion, comprising:

hardware resources divided into a plurality of areas<u>, the hardware resources being used in common by the plurality of programs</u>;

an evacuation unit which records identification information identifying a first program, and evacuates information stored in an area of said plurality of areas if the area is necessary for execution of a second program and is being used for execution of the first program; and

a restoration unit which restores the evacuated information to the area based on the identification information when the second program comes to a halt or to an end.

2. (ORIGINAL) The computer as claimed in claim 1, further comprising an interruption unit which brings about interruption processing if the area is necessary for execution of a second program and is being used for execution of the first program, wherein said evacuation unit operates as part of the interruption processing to record the identification information and to evacuate the information stored in the area.

3. (CURRENTLY AMENDED) A computer which performs parallel processing of a plurality of programs in a time-division fashion, comprising:

hardware resources divided into a plurality of areas<u>, the hardware resources being used in common by the plurality of programs</u>;

an evacuation unit which records identification information identifying a first program, and evacuates information stored in a first area of said plurality of areas if the first area and a second area of said plurality of areas are necessary for execution of a second program and are being used for execution of the first program, said evacuation unit subsequently evacuating information stored in the second area when use of the second area becomes actually necessary for execution of the second program; and

a restoration unit which restores the evacuated information to the first and second areas based on the identification information when the second program comes to a halt or to an end.

4. (CURRENTLY AMENDED) A method of controlling a computer which performs parallel processing of a plurality of programs in a time-division fashion, comprising ~~the steps of~~:

providing hardware resources divided into a plurality of areas, the hardware resources being used in common by the plurality of programs;

recording identification information identifying a first program, and evacuating information stored in an area of said plurality of areas if the area is necessary for execution of a second program and is being used for execution of the first program; and

restoring the evacuated information to the area based on the identification information when the second program comes to a halt or to an end.

5. (CURRENTLY AMENDED) A method of controlling a computer which performs parallel processing of a plurality of programs in a time-division fashion, comprising ~~the steps of~~:

providing hardware resources divided into a plurality of areas, the hardware resources being used in common by the plurality of programs;

recording identification information identifying a first program, and evacuating information stored in a first area of said plurality of areas if the first area and a second area of said plurality of areas are necessary for execution of a second program and are being used for execution of the first program, followed by subsequently evacuating information stored in the second area when use of the second area becomes actually necessary for execution of the second program; and

restoring the evacuated information to the first and second areas based on the identification information when the second program comes to a halt or to an end.